DANDY
STANDING FRAME

(Please store this in your Medifab Folder)

USER MANUAL

5016

PLEASE READ BEFORE USE

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1 DANDY Manual

MEDIFAB thanks you for the confidence placed in choosing our DANDY standing frame.

DANDY is a standing frame where the attention to its functionality unites with the respect of ergonomic and safety principles.

MEDIFAB suggests you read this handbook very carefully. It will help you to become familiar with the DANDY, and you will also find practical advice to use it safely and in the best possible way and to keep it perfectly efficient.

Following our advice we'll help you in reaching the rehabilitation aim this aid has been designed for.

In the end should you still have questions, please don't hesitate to contact us.

For more information regarding the DANDY Stander please contact us on:
FREEPHONE 0800 MEDIFAB (0800 633 432)
or FAX FREEFAX 0800 633 322

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WARNING: Read before using.

- The aid must be used under medical control
- Before using the standing frame carefully read the instructions in this handbook, because it was written for your safety and to guide you in the necessary learning process of the right use and Maintenance of this product. It is integral part of the product and it must be kept with care for future references.
- This Handbook is for Dealers, Retailers Assistants and Users, it gives instructions about the correct use of the product and it has to be integrated by an adequate knowledge of the rehabilitation product by the prescribing technician
- The handbook reflects the kind of technique at the moment of putting the aid on the market. MEDIFAB reserves the right to carry out any modification to the aid and to its handbook which can be suggested by the experience, by technical considerations or by the change of standards. These modifications will be made without being obliged to update the previous production and its handbooks.
- Check that all the adjustable parts are always well locked before using the product.
- The standing frame has to be used by people whose bodily size and weight are just like the ones specified in the paragraph "TECHNICAL SPECIFICATIONS", on page 4.
- In case of malfunction contact the Dealer who sold you the product.
- The Manufacturer is not responsible for any damages caused to people, animals, or property in the following cases:
  - incorrect use of the aid;
  - use by unsuitable personnel;
  - incorrect assembly of parts or accessories;
  - unauthorized modifications or operations;
  - use of spare parts that are not original;
  - non-compliance with the instructions in this Handbook
  - exceptional events.

DANDY
WARNINGS

WARNING:

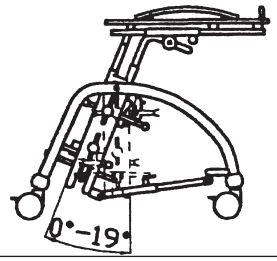
SOME EXAMPLES OF WHAT SHOULDN'T BE DONE WHILE USING DANDY

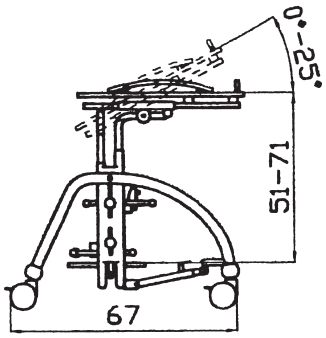
- DANDY has to be used by those children whose bodily size and weight are just like the ones we specify: it has to be prescribed by a specialized doctor according to the laws, standards and rules in force.
- Never put the aid on a slope.
- Never lift the standing frame in order to move it while the User is using it.
- Don't put anything too hot on the tray because the wood or covering could be damaged.
- In order to adjust the parts while the user is using it scrupulously follow the paragraph "HOW TO ADJUST DANDY" on page 8 of the Use and Maintenance Handbook.
- DANDY has not been designed for the outdoor use unless it is on flat paved ground, well sheltered from bad weather.
- Never use the product if there are damaged or missing parts.
- Always ask for original spare parts, on the contrary the guarantee decays and MEDIFAB will be no more responsible for the product.

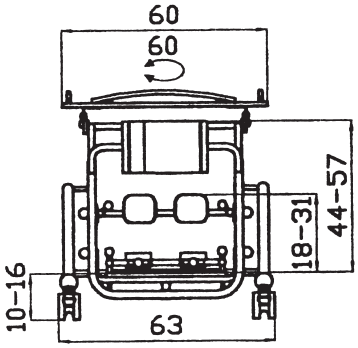
DANDY
TECHNICAL SPECIFICATIONS

- **It is available in three sizes;**
  Frame varnished with non-toxic epoxy-powder paint and with chromium-plated and adjustable parts. It is adjustabie in tilt.
- **Table.** It is in multilayer wood. It is adjustable in height, tilt and depth. It can be removed.
- **Knee-pads:** they are adjustable in height, width, depth and in a rotatory movement.
- **Heelrests.** They are adjustable in depth and width.
- **Multilayer wood base.** It is adjustable in height Pelvic support. It is adjustable in its circumference thanks to Velcro straps, in height, back and forward.
- **Chest support** (just for size 2 and 3). It is adjustable in its circumference thanks to Velcro straps and in height.
- **Unpierceable wheels, diam. 60 mm, with brakes.** Thanks to the **wheels** the aid can be moved from one room to another without the User.

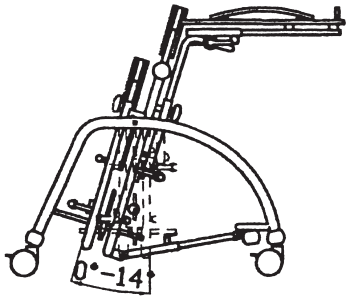
MEASURES in cm

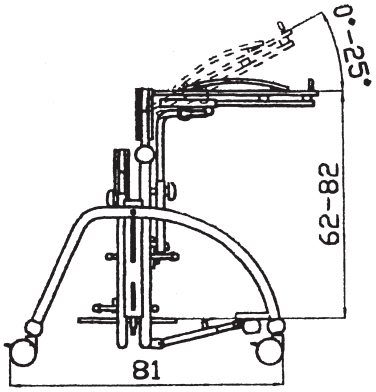


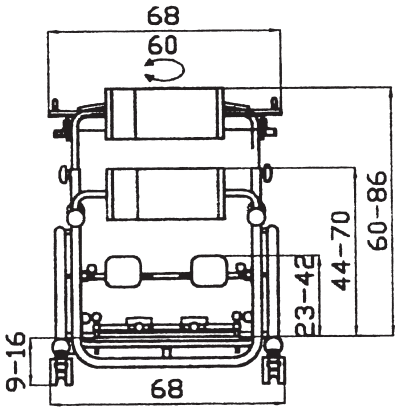




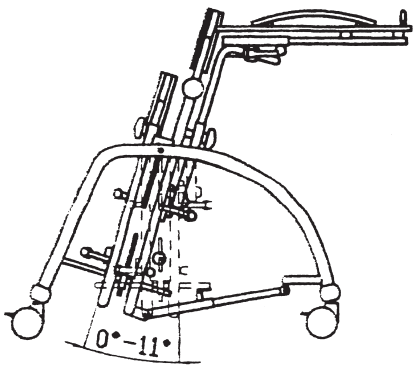
DANDY - 1	-WGT OF THE AID Kg 14.5	- MAX LOAD Kg 35

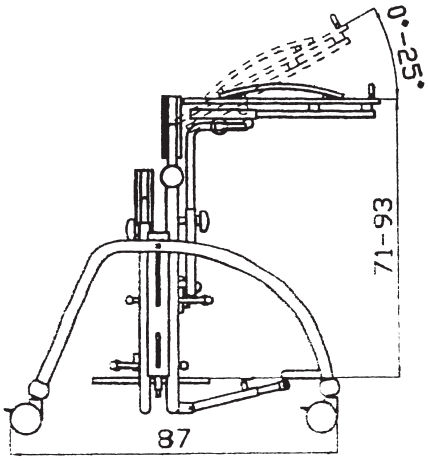


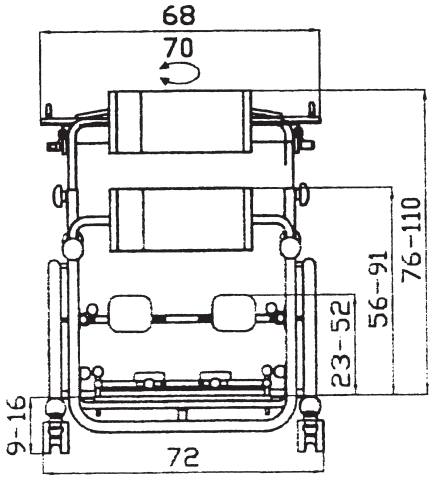




DANDY - 2	-WGT OF THE AID Kg 19	- MAX LOAD Kg 45







DANDY - 3	-WGT OF THE AID Kg 22	- MAX LOAD Kg 55

DANDY

What is it, and what's it for?

DANDY IS A STANDING FRAME DESIGNED AND MANUFACTURED TO HELP CHILDREN FROM 1 TO 10 YEARS OLD TO ACHIEVE AND MAINTAIN AN UPRIGHT POSITION.

DANDY HAS BEEN DESIGNED AND MANUFACTURED:

- for training and achieving an independent upright position
- to maintain a vertical position with a two-foot load, as an alternative to an independent position that would otherwise be impossibile

It is important to remember that:

- the upright position is the ideal antigravity posture for human beings. It represents the conquest of a two-legged bearing that thus frees the upper limbs and hands from acting as support and protection
- what we mean by posture is the body's constant relation with its environment, achieved by maintaining a balance between the elastic forces of the protagonist and antagonist muscles, and between the body's inner forces and the forces exerted on it by the outside environment
- posture is maintained by integrating visual, vestibular and somatic-sensory proprioceptor information **DANDY is an aid that allows this information to be integrated and facilitates this process**

MORE SPECIFICALLY AN APPROPRIATE USE OF DANDY CAN FACILITATE:

- Gaining experience with a posture that can act as an alternative to the one that has been "forced" or "partially forced" on the child by his pathology, as well as enabling proper placement of the joints so that controlled and modulated variations can be introduced. The aim of all this is to prevent from deformity
- Training the antigravity musculature
- Controlling and straightening the head. Conditions that are facilitated by the reduced antigravity involvement of the trunk: this is achieved thanks to the table which is considered as an adjustable chest support (the table can be removed once adequate control of the trunk has been attained)
- Experiencing visually guided manual activity. Thanks to this it is possibile to integrate the visual information drawn from the objects with the information coming from the child's own body when it is in the correct posture
- Therefore this involves the possibility of grasping, catching and exploring, initially on an - overall level and then selectively, and handling through simple or complex constructive activities,
- Using objects.
- This is also facilitated by the fact that the upper limbs have been relieved of their protective and support functions

IN ADDITION. THE UPRIGHT POSTURE ALSO ENABLES THE FOLLOWING:

A - IMPROVED RESPIRATORY CAPACITY through increased ventilation and a decrease in obstructive phenomena
B - IMPROVED PERISTALSIS
C - IMPROVED CIRCULATION

Above all it is important to emphasize that DANDY is an AID THAT CAN ENHANCE THE CHILD'S CAPACITY TO ADAPT TO HIS SURROUNDINGS, or in other words, to interact positively with the world around him.

This will ultimately lead to MORE PERSONAL AUTONOMY, so that the child can establish good relations with himself, with the others and with his physical environment: his skill at "getting in touch with".

HOW DANDY WORKS

It works very simply and safely.

DANDY is a standing frame composed of a lateral frame that **is graduated so that its height can be easily adjusted.**

When the child is standing he is supported by wide straps across the pelvis and trunk that can be adjusted from the front to the back (to follow knee-hip flexion) as well as in its circumference.

Two front knee pads and two heel rests fix the position of the lower limbs. **The psychiatrist and/or therapist must continuously monitor the child's position on the DANDY.**

In fact **DANDY** is used by handicapped children during their developmental period. Since they grow up quickly and they can also change in terms of their pathological picture, this entails constant assessment and adjustment.

ATTENTION: Before starting to position the child, brake the wheels of DANDY

When starting it is advisable to have an adult stand behind the child and hold his sides firmly if the child has an adequate control of the trunk. Otherwise, the child should be supported by his armpits.

The therapist should temporarily position the lower limbs first, followed by the pelvis and the chest. At this point, always attempting to get the child cooperate as actively as possible and explaining him what is being done, and why, the position of the feet in the heel rests and knee pads must be controlled, following any flexion that may be present. Subsequently, the pelvis must be controlled through the pelvic support and then, the trunk must be controlled using the chest support.

It is important to pay special attention to "dosing" the right amount of chest and pelvic support. There must be an adequate support to assure a minimum amount of stability.

Avoid any **excessive support** since it could give the child a heavy feeling of "confinement". At the same time, however, the support must not be too "light" since this could cause a reaction of " fear of falling" or instability.

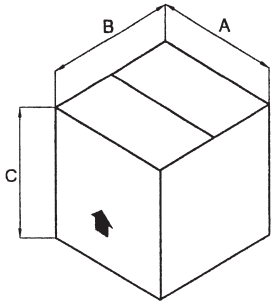
If the child is able to communicate, it is important to listen to his feelings and impressions so that the amount of restraint can be "modulated" as correctly as possible.

Always bear in mind that DANDY is a standing frame that must allow the child to carry out several activities and that it was not designed to keep him still and immobilized. This is the main objective that must be taken as a guideline in using this aid, which should work as a tool " to do things in a correct and favourable position".

Naturally the correct posture will be different from one child to another according to their age, motor picture and overall picture.

DANDY

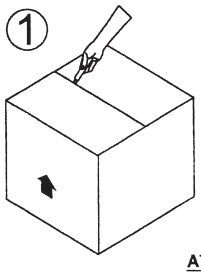
Unpacking, Assembly, Folding

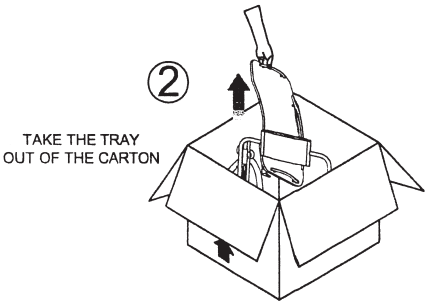


INFORMATION ABOUT THE PACKING

STANDING FRAME	A cm	B cm	C cm	VOLUME m^2	WEIGHT kg
DANDY ONE	78	65	50	0,253	21
DANDY TWO	80	85	48	0,326	28
DANDY THREE	85	93	48	0,379	31

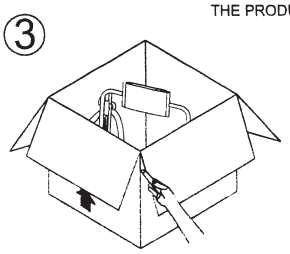
HOW TO TAKE THE DANDY OUT OF THE CARTON

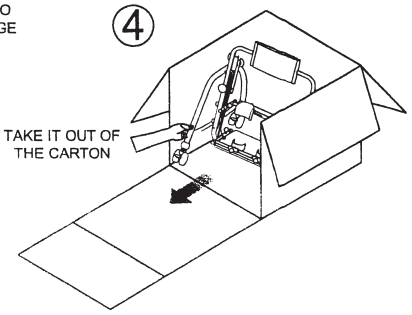




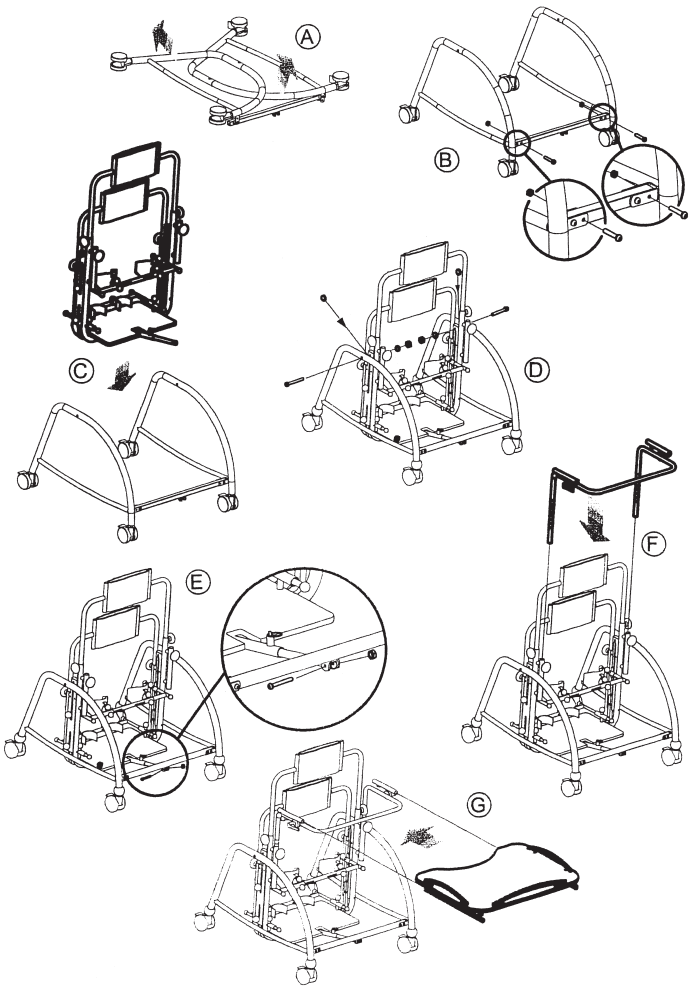
ATTENTION!

CUT IT WITHOUT PRESSING TOO MUCH IN ORDER NOT TO DAMAGE THE PRODUCT INSIDE

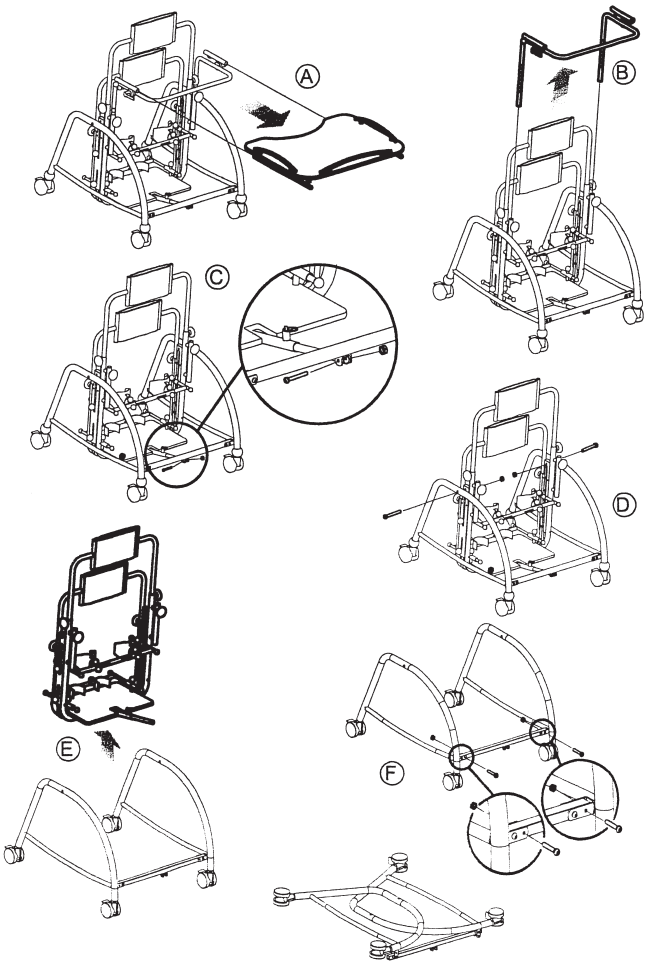




HOW TO ASSEMBLE DANDY



FOLDING DANDY TO CARRY IT IN A VEHICLE



WHILE ADJUSTING THE STANDING FRAME IT IS IMPORTANT TO FOLLOW THREE PHASES AND IT MUST BE ADJUSTED UNDER THE DIRECT CONTROL OF THE DOCTOR WHO PRESCRIBES IT

1ST. PHASE: YOU HAVE TO CONSIDER:

1. the height of the child from under his chest to the ground is needed to fix the chest support;
2. the height from the knee-cap to the ground is needed to fix the knee-pads of the standing frame;

You can measure while the child is standing or while he is lying dowm.

2ND. PHASE: INITIAL ADJUSTMENT WITHOUT THE CHILD AND CONSIDERING THE MEASURES THAT YOU MUST MEASURE BEFORE

3RD. PHASE: SUBSEQUENT ADJUSTMENT WITH THE CHILD

Check:

1. that the back strap, once it is closed, is in the middle of the bottom. The height of the arm supports depends on the position of the back support of the pelvis;
2. the position of the knee-pads;
3. the position of the heel rests in width and depth;
4. the position of the table. It must be fixed controlling the height of the User from under his elbow to the ground (minimum height). Shouldn't it be possible to make this control, you can measure the distance from the bended elbow to his feet while the User is laying.
5. the vertical alignment of the chest and pelvis
6. the flexion of the limbs: the vertical position is determined by the front and back adjustment of the pelvis support, of the knee-pads and of the heel rests.

WARNINGS: ALL THE ADJUSTABLE PARTS MUST HAVE BEEN WELL LOCKED!!!

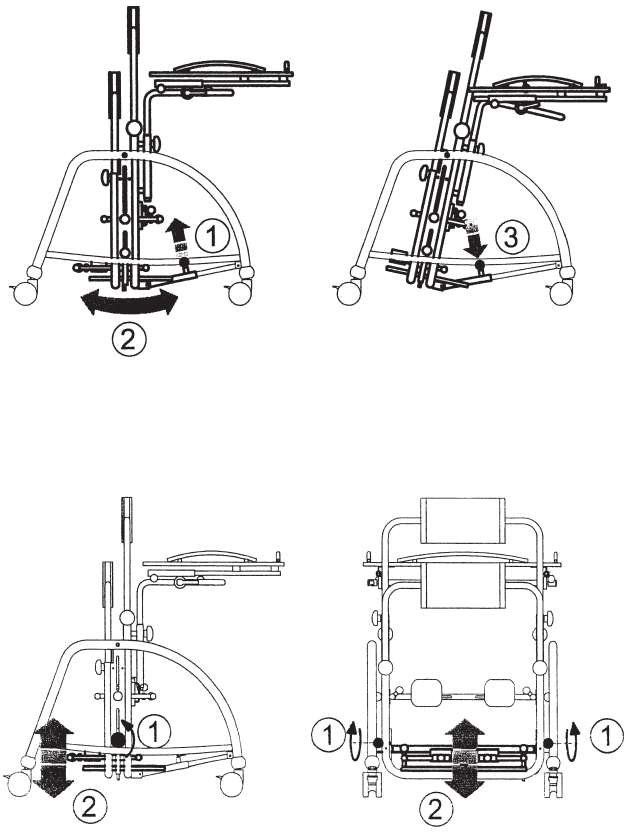
Always check that all the adjustments have been correctly fixed in order to avoid any possibile danger to the User.

WARNINGS:

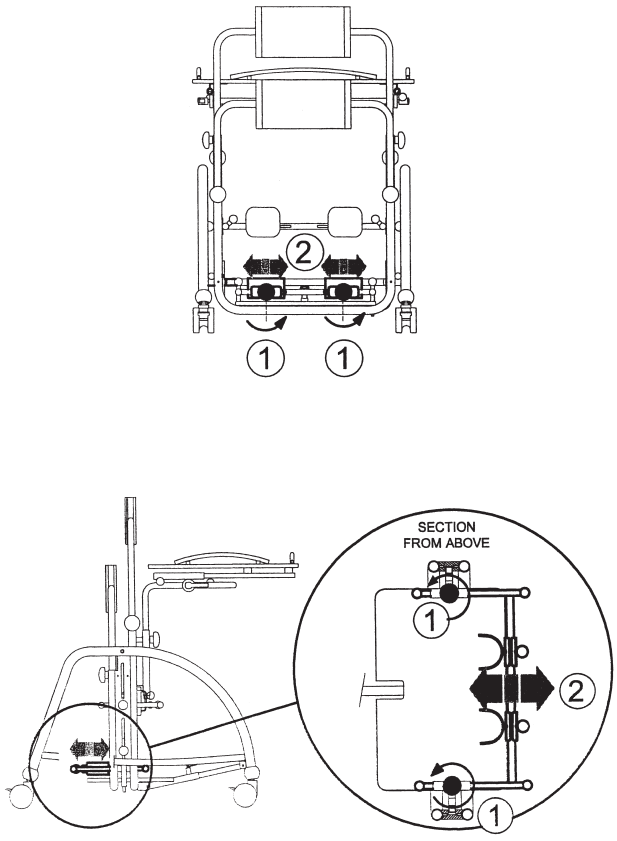
THE ADJUSTMENTS MUST BE ALWAYS CONTROLLED BY THE DOCTOR WHO PRESCRIBES THE AID AND BY THE THERAPIST WHENEVER THEY THINK IT IS NEEDED. THIS IS IMPORTANT TO OPTIMIZE THE VERTICAL POSITION BECAUSE THE RIGHT USE OF THE STANDING FRAME CONDITIONS THE FLEXION OF THE USER AND IT REDUCES HIS RIGIDITY

DANDY
ADJUSTING

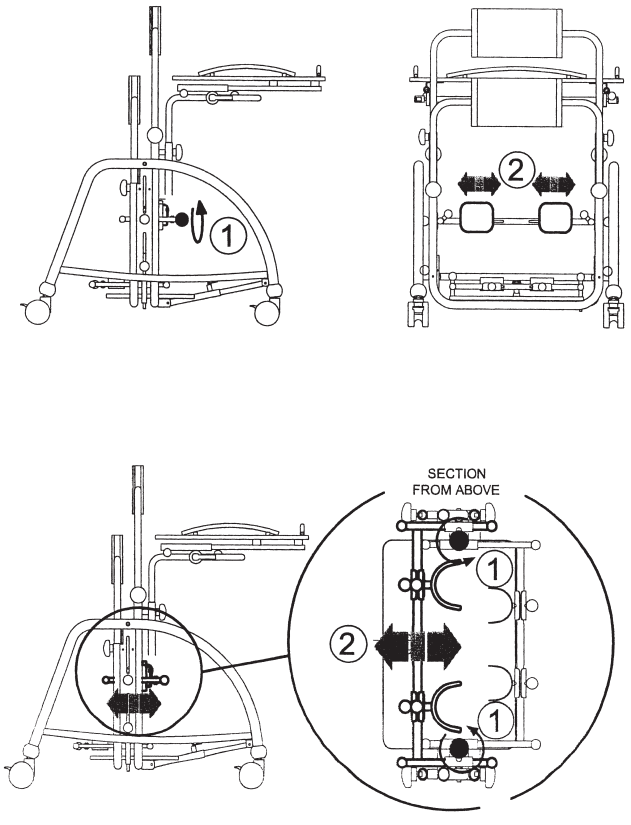
ADJUSTMENT of the FRAME in TILT



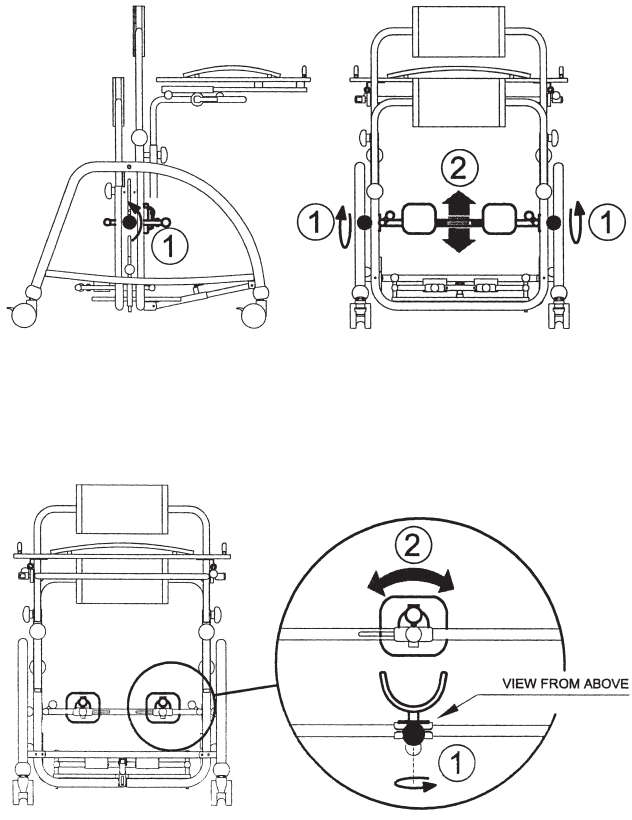
ADJUSTMENT of the HEELREST in WIDTH

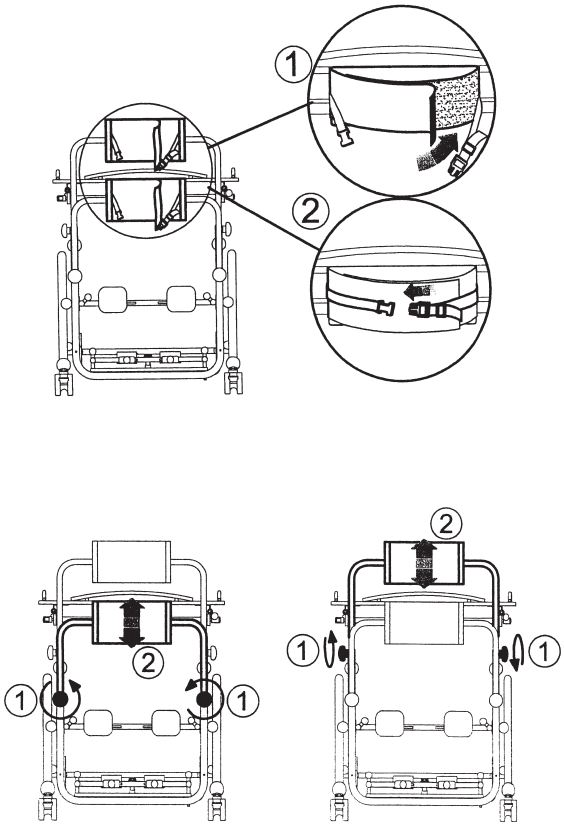
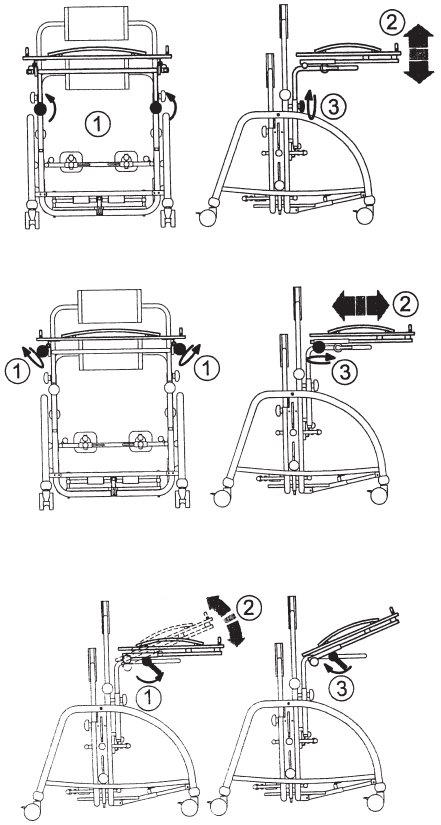


ADJUSTMENT of the KNEE-PADS in WIDTH



ADJUSTMENT of the KNEE-PADS in HEIGHT



ADJUSTMENT of the FRAME in TILT	ADJUSTMENT of the HEELREST in WIDTH
	

ORDINARY MAINTENANCE (or preventive)

THE ORDINARY MAINTENANCE OF THE AID HAS TO BE DONE EVERY MONTH.

All the periodic works of maintenance are necessary to assure the right use of this aid and its safety. It is also the main requirement to keep the CE marking.

Only when these interventions are completed in the time and way herein specified, the responsibility of keeping the main requirements of the DANDY (ENCL.1, EEA193/42 Standard) is up to the Manufacturer.

CLEANING THE VARNISHED AND CHROMIUM-PLATED FRAME: Clean the varnished and chromium-plated parts of the aid with a soft cloth dipped in diluthed methylated spirit.

DO NOT GREASE THE ADJUSTABLE PARTS.

CLEANING THE COVERING (PADDED PARTS): Clean the coverings with a soft cloth and mild detergent.

CLEANING THE WHEELS: Clean the wheels at least once a month by keeping them free from waste (threads, hair etc) which can stick to them.

CLEANING THE TABLE:Use a soft cloth with water and a mild detergent.

CLEANING THE BASE: Use a soft cloth with water and a mild detergent.

After cleaning dry them up with a soft cloth.

⚠ Maintenance and replacement of parts or accessories must never be done while **DANDY** is being used.

EXTRAORDINARY MAINTENANCE (or corrective):

Extraordinary maintenance means all those works on the aid which are different from the above mentioned ones.

We ask the User, Dealer and all Public Health Services to let the Manufacturer or other officially authorized Companies intervene with extraordinary maintenance works.

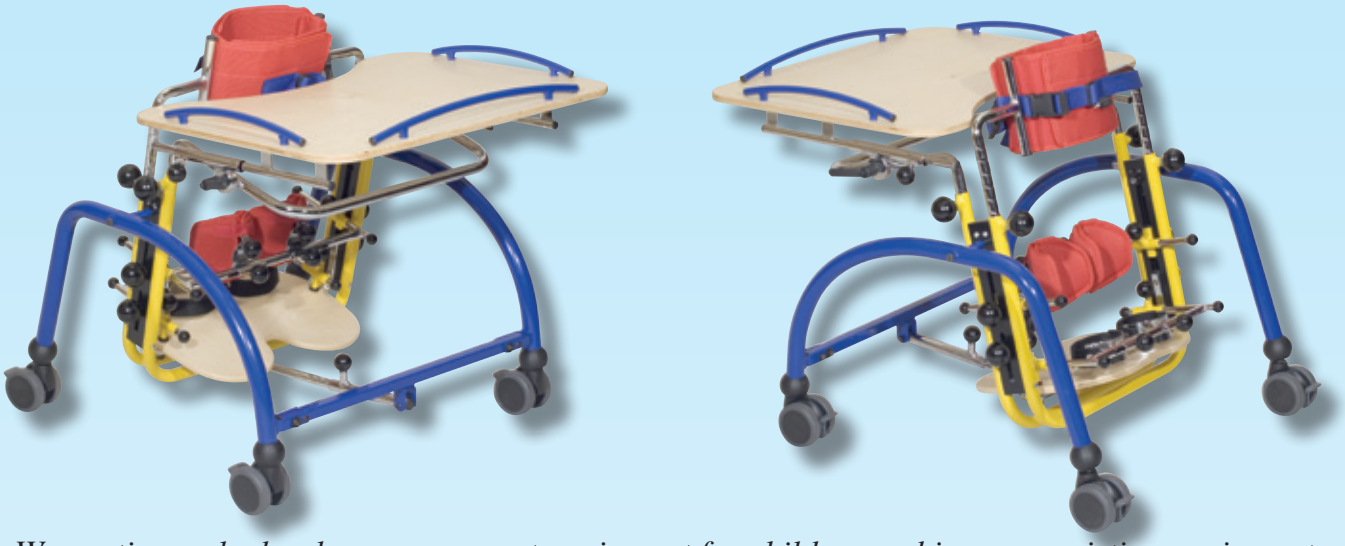
Any other different action means that the User and the third maintenance Service assume their responsiblity for their done works on the standing frame. The Manufacturer will be only responsible for any possible original defect of the product that may be declared to the Manufacturer.

If the standing frame must be scrapped, dispose of the parts according to the legal requirements in force in the country where it is in use.

ASSISTANCE AND SPARE PARTS FOR DANDY

Should you need assistance or spare parts contact **MEDIFAB** on **FREEPHONE (0800 633 432).**

DANDY



We continuously develop new support equipment for children and improve existing equipment.
If you have any requests or opinions, please do not hesitate to contact us!

Tollfree (NZ) 0800 MEDIFAB (0800 633 432)

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